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TRANSMITTAL LETTER			Case No. 10745/10
Serial No. 09/826,671	Filing Date April 5, 2001	Examiner	Group Art Unit
Inventor(s) Akira Shibutani			
Title of Invention SLOT ASSIGNMENT ALGORITHM			

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## TO THE COMMISSIONER FOR PATENTS

- ☒ Transmitted herewith is Information Disclosure Statement, PTO Form 1449, Cited References.
- ☐ Small entity status of this application under 37 CFR § 1.27 has been established by verified statement previously submitted.<sup>2</sup>
- ☐ A verified statement to establish small entity status under 37 CFR §§ 1.9 and 1.27 is enclosed.
- ☐ Petition for a \_\_\_\_\_ month extension of time.
- ☒ No additional fee is required.
- ☐ The fee has been calculated as shown below:

	Claims Remaining After Amendment		Highest No. Previously Paid For	Present Extra
Total		Minus		
Indep.		Minus		
First Presentation of Multiple Dep. Claim				

## Small Entity

Rate	Add'l Fee
x \$9 =	
x 40 =	
+ \$135 =	
Total add'l fee	\$

or

Other Than  
Small Entity

Rate	Add'l Fee
x \$18 =	
x \$80 =	
+ \$270 =	
Total add'l fee	\$

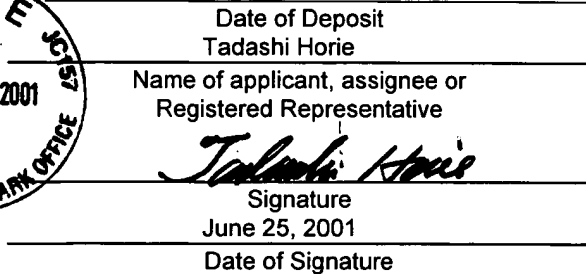
- ☐ Please charge Deposit Account No. 23-1925 (BRINKS HOFER GILSON & LIONE) in the amount of \$\_\_\_\_\_. A duplicate copy of this sheet is enclosed.
- ☐ A check in the amount of \$\_\_\_\_\_ to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of any additional filing fees required under 37 CFR § 1.16 and any patent application processing fees under 37 CFR § 1.17 associated with this communication or credit any overpayment to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed.
- ☒ I hereby petition under 37 CFR § 1.136(a) for any extension of time required to ensure that this paper is timely filed. Please charge any associated fees which have not otherwise been paid to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

Tadashi Horie  
Registration No. 40,437  
Attorney for ApplicantBRINKS HOFER GILSON & LIONE  
P.O. BOX 10395  
CHICAGO, ILLINOIS 60610  
(312) 321-4200I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231, on June 25, 2001.Date: June 25, 2001 Signature: 

rev. Dec.-00

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

For SLOT ASSIGNMENT ALGORITHM

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Group Art Unit No.

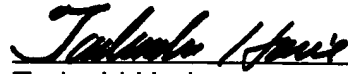
Applicant brings to the attention of the Examiner in charge of the above-captioned case the following information and references that may be relevant to the examination of the above-captioned patent application.

## OTHER ART

- (1) F. Adachi et al., "Wideband DS-CDMA for Next-Generation Mobile Communications Systems", IEEE Communication Magazine, vol. 36, pp. 56-69, September 1998
- (2) 3<sup>rd</sup> Generation Partnership Project 2, "cdma 2000 High Rate Packet Data Air Interface Specification", 3GPP2 C.S0024, September 12, 2000.
- (3) A. Jalali et al., "Data Throughput of CDMA-HDR a High Efficiency-High Data Rate Personal Communication Wireless System", IEEE VTC2000-Spring, pp.1854-1858, Tokyo, May 2000
- (4) T. Ue et al., "Symbol Rate and Modulation Level-Controlled Adaptive Modulation/TDMA/TDD System for Personal Communication Systems", IEEE Vehicular Technology Conference 0098-3551, vol. 45/V1, pp. 306-310, July 1995
- (5) S. Sampei et al., "Adaptive Modulation/TDMA Scheme for Large Capacity Personal Multi-Media Communication Systems", IEICE Trans. Commun., vol. E77-B, No. 9, September 1994
- (6) A. Yamaguchi et al., "Forwardlink Packet Scheduler for Packet Data System", IEICE General Conference, March 26-29, 2001
- (7) A. Fujiwara et al., "Link Adaptation Method Using Fading Frequency for High-Speed Packet Transmission with Adaptive Modulation and Coding Scheme in DS-CDMA Mobile Radio", IEICE, The 2000 Communications Society Conference, B-5-79, p. 367, September 30 – October 3, 2000
- (8) K. Higuchi et al., "Throughput Performance of High-Speed Packet Transmission Using Multi-Level Modulation in W-CDMA Forward Link", IEICE, The 2000 Communications Society Conference, SB-11-7, pp. 531-532, September 30 – October 3, 2000

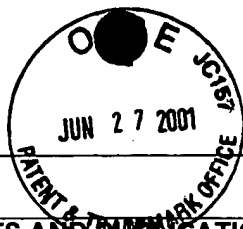
- (9) N. Kinoshita et al., "Field Experiments on 16QAM/TDMA and Trellis Coded 16QAM/TDMA Systems for Digital Land Mobile Radio Communications", IEICE TRANS. COMMUN., Vol. E77-B, No. 7, July 1994

Respectfully submitted,



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FORM PTO-1449	SERIAL NO. 09/826,671	CASE NO. 10745/10
<b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b>	FILING DATE April 5, 2001	GROUP ART UNIT
(use several sheets if necessary)		APPLICANT(S): Akira Shibutani

#### REFERENCE DESIGNATION

#### U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
	A1					
	A2					
	A3					
	A4					

#### FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES	NO
	A5						
	A6						

EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)	
	A7	F. Adachi et al., "Wideband DS-CDMA for Next-Generation Mobile Communications Systems", IEEE Communication Magazine, vol. 36, pp. 56-69, September 1998
	A8	3 <sup>rd</sup> Generation Partnership Project 2, "cdma 2000 High Rate Packet Data Air Interface Specification", 3GPP2 C.S0024, September 12, 2000.
	A9	A. Jalali et al., "Data Throughput of CDMA-HDR a High Efficiency-High Data Rate Personal Communication Wireless System", IEEE VTC2000-Spring, pp.1854-1858, Tokyo, May 2000
	A10	T. Ue et al., "Symbol Rate and Modulation Level-Controlled Adaptive Modulation/TDMA/TDD System for Personal Communication Systems", IEEE Vehicular Technology Conference 0098-3551, vol. 45/V1, pp. 306-310, July 1995
	A11	S. Sampei et al., "Adaptive Modulation/TDMA Scheme for Large Capacity Personal Multi-Media Communication Systems", IEICE Trans. Commun., vol. E77-B, No. 9, September 1994
	A12	A. Yamaguchi et al., "Forwardlink Packet Scheduler for Packet Data System", IEICE General Conference, March 26-29, 2001
	A13	A. Fujiwara et al., "Link Adaptation Method Using Fading Frequency for High-Speed Packet Transmission with Adaptive Modulation and Coding Scheme in DS-CDMA Mobile Radio", IEICE, The 2000 Communications Society Conference, B-5-79, p. 367, September 30 - October 3, 2000
	A14	K. Higuchi et al., "Throughput Performance of High-Speed Packet Transmission Using Multi-Level Modulation in W-CDMA Forward Link", IEICE, The 2000 Communications Society Conference, SB-11-7, pp. 531-532, September 30 - October 3, 2000
	A15	N. Kinoshita et al., "Field Experiments on 16QAM/TDMA and Trellis Coded 16QAM/TDMA Systems for Digital Land Mobile Radio Communications", IEICE TRANS. COMMUN., Vol. E77-B, No. 7, July 1994

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.